Meeting minutes of the 4th steering committee meeting of the openMDM® EWG

Place:	Müller BBM, Planegg		
Date/Time:	February 5th, 2015 – 10:00		
Minutes:	Andreas Benzing, ICS AG		
Participants:	Andreas Benzing	Daimler/ICS	architecture committee (chair)
	Ulrich Bleicher	BMW	steering committee
	Josef Hobelsberger	MBBM	steering committee
	Stefan Holz	Gigatronik	steering committee
	Hans-Jörg Kremer	Peak Solution	steering committee
	Gerwin Mathwig	Daimler	steering committee (chair)
	Michael Schwarzbach	BMW	quality committee (chair)
	Sven Wittig	Audi	steering committee
Remote:	Alexander Nehmer	S+C	issue tracking service
	Shailesh Saraph	TATA	new user representative

1 Review of the minutes of the last meeting

The minutes are accepted.

2 Activities to get new members

Service providers working on the implementation of openMDM5 (EPOS) and openMDM4 (FEV) are candidates for joining the WG. Volvo is evaluating openMDM4 and therefore also interested in the community. Ford and Continental have already shown interest in the WG, conversation has to be kept alive. Initial contact has also been made with TWT.

Contact with potential new members will be maintained as follows:

EPOS	Sven Wittig
Volvo-Cars	Hans-Jörg Kremer/Josef Hobelsberger – to be decided
TWT	Gerwin Mathwig
Ford	Gerwin Mathwig
Continental	Gerwin Mathwig
Siemens-LMS	Gerwin Mathwig
FEV	Hans-Jörg Kremer

An introduction workshop for potential new members is suggested to clarify the details of the WG. Additional interested parties should be addressed at the Euroforum.

3 Introduction from TATA

The participants of the meeting shortly introduced themselves to the TATA representative. TATA presents their relation to openMDM. The initial communication channels (mailing list, conference calls) are explained, further questions will be handled by Hans-Jörg Kremer as the mentor of TATA in openMDM related topics.

3.1 Presentation by TATA

The presentation starts with a high-level overview of the openMDM features used and requested. The primary intended use cases are presented followed by a list of issues identified with the existing openMDM setup. These issues are further detailed into expectations of end users and developers towards openMDM.

3.2 Discussion

Most issues and requirements are already known and discussed in the community. The input of the user members of the WG is valuable but at the current state the WG must be careful not to promise features which might not be addressed in the near future. The question of funding the development of these new features is still open. To guide the expectations in the future, the need for a common vision of openMDM is brought up.

The detailed discussion is postponed.

4 Status of the steering committee (SC)

The current milestones and time schedule is presented. The participants agree that maintaining a centralized detailed schedule for the committees is infeasible. Each committee will have to plan their events and milestones on their own and make them available to the public.

For the talk at the Euroforum, three candidates are willing to present (Dietmar Rapf, Stefan Holz, and Michael Schwarzbach). The content and intended audience is unclear at the moment and should be identified.

The requirements service proposal is presented. As the service will be running continuously, the handling of service results in general is discussed. In the future, results of services should be presented to the SC in advance of the meeting. The SC can then make an informed decision and avoid extensive discussion to which the input of other parties would also be required. The handling of continuous services is not resolved.

The branding service created an overview poster containing the milestones and other information about the community. The poster has been presented at EclipseCon Europe 2014, for example. The poster will be updated to reflect the current state.

The website transition service is close to being finished. Content from the old website has been transformed and a new structure has been setup. To fill newly created categories, the corresponding committees need to provide information about their topics. A preview to the new website will be made available to the SC within two weeks to gather feedback before the final public release.

5 Status of the architecture committee (AC)

The AC has gathered the main goals of the architecture in a workshop. Although it will address any

architecture related issues, the review and discussion of the specification are the primary task of the AC. The communication of the AC is handled primarily on the WG mailing list, complemented by three-weekly conference calls. Issues are currently tracked in Bugzilla.

The primary topic at the moment is the decoupling of the openMDM API. A full decoupling is required to support the offline capabilities of client applications and for testing. Other topics include technology decisions and naming conventions.

The architecture specification service is running. A first draft of the specification is available along with a proof of concept implementation in the MDM@WEB project git repository.

6 Status of the quality committee (QC)

The quality committee has decided to use DITA as documentation format. The quality documentation is available as a draft which has been reviewed and is now being updated. Topics like the OSGi guidelines and integration platform depend on the results of the architecture service before they can be finalized.

7 Status of MDM@WEB project

The results of the project meeting on Jan. 26, 2015 are presented. As the client implementations strongly depend on the availability of the openMDM API, the related topics are briefly discussed.

8 Status of service: issue tracking

The evaluation of issue tracking alternatives from a technical perspective yields a recommendation for Jira. Since a cloud instance cannot be integrated with the Eclipse infrastructure, the possibilities for hosting a Jira instance for the WG need to be evaluated. The long term availability of the issue tracker is thereby crucial to support the future development and maintenance of openMDM. The SC proposes a follow-up service to determine the cost of operation and set-up.

9 Document licensing

The options EPL and CC are presented. The SC unanimously decides to use EPL for all documentation.

10 Workflow of service creation

A workflow for creating new services in the WG is proposed (see 17.1) and discussed. The major issue is the long time span between identifying the need for a service and its final commission. The SC agrees that to overcome this delay, small tasks should be assigned directly by the SC without the call for tender phase. Assignments will be posted on the WG page to make the process transparent to all members. Whenever possible, the full workflow will be carried out to ensure fairness among bidders.

11 Services: status, new topics, and milestones

Possible new services are presented. The nature of services in general is discussed with the result that the primary purpose of services is to support and maintain the WG infrastructure. The handling of member contributions across the end of a WG fiscal year is discussed. The SC proposes that fees for new members could be reduced depending on the membership duration in the first year of membership. The SC agrees that the intention of services and contributions in working days instead of

monetary fees is to decouple from business aspects. To facilitate the decoupling, days can be delegated by contracting.
The nature of a service will be further detailed with the S23 openMDM API quality check service as a test run. The QC will first coordinate the details of this service before any further steps are taken.

12 Status of business layer and architecture projects

The projects are currently running. Currently, most work is done to ensure successful transfer of solutions and knowledge from openMDM4 to openMDM5. The big picture of openMDM is being shaped as the structure of components is defined by the architecture and the components are composed to applications.

Top level requirements are presented (see 17.2) to guide the openMDM community. The different interpretations depending on scope and level of abstraction are discussed. The attendees agree on the proposed requirements and that the shape of openMDM needs to be defined more clearly on their basis. The detailed discussions are deferred to the process of further defining openMDM5.

13 Transfer path MDM4 to MDM5

A concept for reusing code snippets from old components is presented (see 0). The concept ensures a clean licensing of the code. All participants appreciate the effort.

14 Status of "openMDM" brand transfer to Eclipse

The transfer is still going on due to legal issues.

15 Big Data – Discussion

A concept draft for handling Big Data at Audi is presented and an overview of project proposals at ASAM is given. The discussion quickly reveals numerous open questions: Is Big Data handled inside openMDM/ODS or is openMDM a part of a companywide Big Data approach? What are possible applications? What type of analytics will be required?

The SC postpones the topic for further discussion in smaller groups. The results will be reviewed in the next SC meeting.

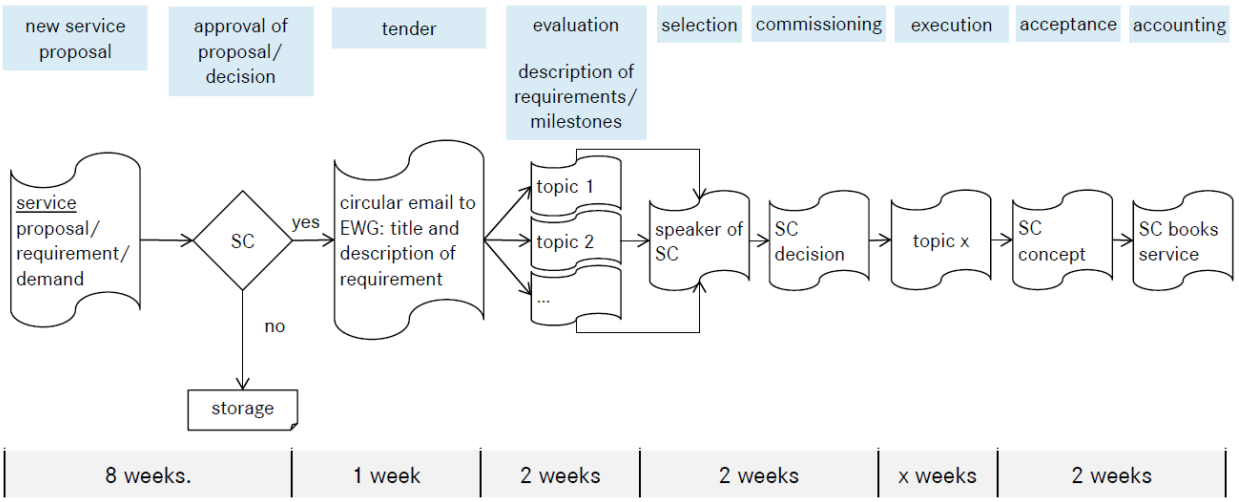
16 Next meeting

The next meeting will be hosted by Gigatronik in Ingolstadt on April 21, 2015.
The preliminary date for the following meeting is July 1, 2015.

17 Appendix

17.1 Workflow of service creation

Workflow OMDM-EWG services

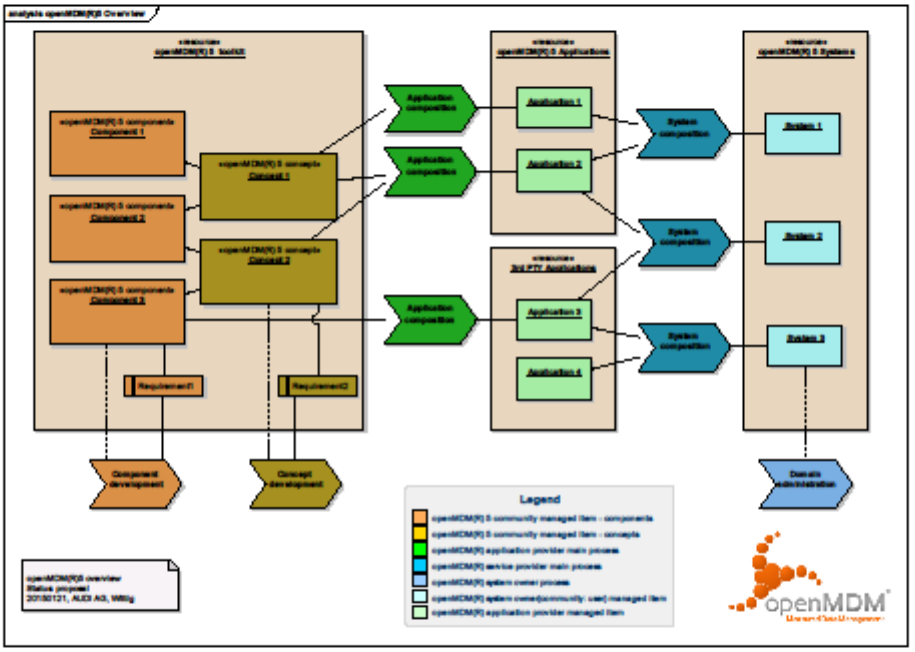


17.2 Top level requirements

openMDM® Eclipse working group

openMDM® 5 top level goals

openMDM® 5 is intended to be a kit of components and concepts, which can be used to compose applications for measured data management systems. The development of components and concepts is driven by the openMDM® Eclipse working group. All components and concepts have to be published under the eclipse public license.



The following issues shall be covered by openMDM® 5:

- Support for measured data management specific processes.

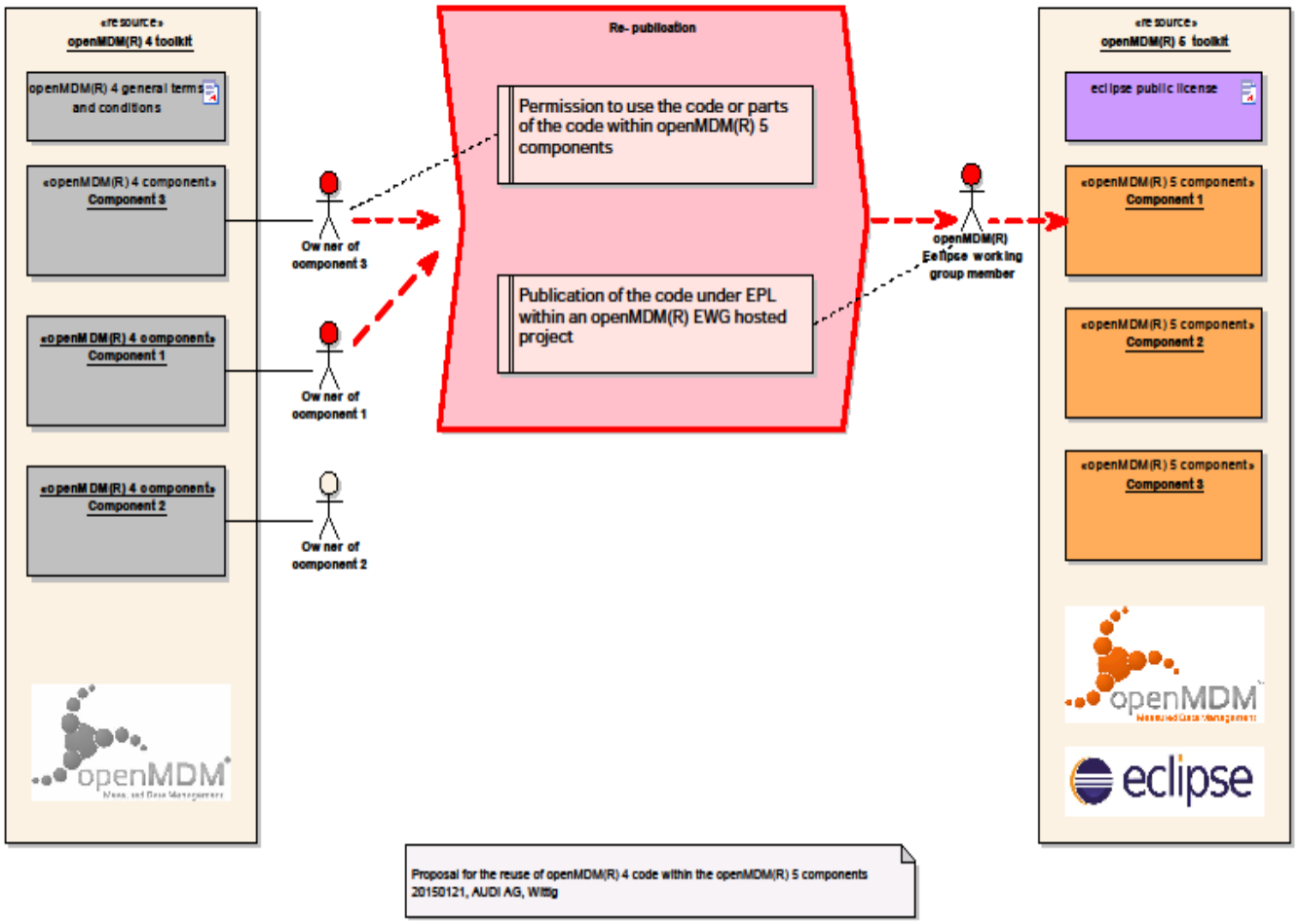
  openMDM® 5 shall support the main processes around test data generation and usage as needed for providing a complete and correct test documentation (test specification/test planning/test result import). openMDM® shall be aware of the possible distribution of process steps to different organizations or organizational units.

- openMDM® 5 shall support the reuse of

  - test results (measured data) managed by openMDM® systems, but also of
  - openMDM® 5 components within the openMDM® 5 toolkit

Original file: openMDM(R)5 top requirements 01.pdf

17.3 Component migration process



Original file: openMDM(R) 5 component migration process from previous openMDM(R) versions.pdf